## ABSTRACT OF THE DISCLOSURE

A system generally having a first circuit, a second circuit, and a pair of non-crossing conductive paths. The first circuit may be configured to convert between (i) a serial signal on a first differential interface and (ii) a parallel signal. The pair of non-crossing conductive paths may connect the first differential interface with a second differential interface. The second circuit may be configured to invert the parallel signal in response to a control signal in an inverting state.